

ABSTRACT OF THE DISCLOSURE

A fuel cell includes at least one individual cell with an electrolyte/electrode unit, as well as at least one conducting end or intermediate plate, via which a gaseous reactant can be supplied to an electrode at least in one inlet region. In order to lower power losses, as well as the need for gas circulation, the end or intermediate plate is designed so that in terms of flow, a heat exchange region is incorporated before an inlet region, and heat is removed from an anode side of the individual cell in the heat exchanger.